

CLAIMS

1. Adjustable pedal unit for motor vehicle, comprising:

5 a first plate (1), to which at least an accelerator pedal (2) and a footbrake pedal (3) are articulated, said plate being mounted slidingly onto longitudinal guides (4) inclined forwards upwards and being stiffly connected to motor vehicle floor,

10 means (6-10) for controlling the sliding and blocking in position of the first plate (1) onto its guides (4),

a second plate (25) for resting the driver's heels, mounted slidingly on a basically horizontal plane (C) above the aforesaid first plate (1) onto longitudinal
15 guides (26),

connecting means (27) with articulated levers between the first plate (1) and the second plate (25), putting the second plate (25) into motion thanks to the first plate (1) pulling it, when the latter is adjusted
20 in position, said connecting means (27) enabling at the same time the first plate (1) and the second plate (25) to slide on their respective sliding planes (B, C).

2. Adjustable pedal unit according to claim 1, characterized in that it further comprises an auxiliary
25 footboard for resting the foot that does not actuate footbrake and accelerator pedals (2, 3), said auxiliary footboard (30) being supported by an arm (31) articulated to the second plate (25) and further supporting a guide roll (32) engaged onto a stationary longitudinal
30 track (33).

3. Adjustable pedal unit according to claim 1, characterized in that the first plate (1) is mounted slidingly onto two stationary longitudinal guides (4), consisting of metal section bars into which are mounted
35 slidingly two corresponding metal section bars forming

mobile guides (5) to which said first plate (1) is fastened.

4. Adjustable pedal unit according to claim 3, characterized in that said mobile guides (5) support a
5 motor reducer assembly (9, 10) for actuating a cross shaft (8) supporting on its end two sprocket wheels (7) engaging with longitudinal racks (6) fastened to the stationary longitudinal guides (4).

5. Adjustable pedal unit according to claim 1,
10 characterized in that the aforesaid connecting means with articulated levers comprise two connecting rods (27) having each end articulated to the first plate (1) and the opposite end articulated to the second plate (25), the axes of said articulated joints being ori-
15 ented transversally with respect to motor vehicle longitudinal direction.

6. Adjustable pedal unit according to claim 5, characterized in that the arm (31) supporting the aforesaid auxiliary footboard (30) is articulated to
20 the aforesaid second plate (25) around an articulation axis (29) corresponding to the articulation axis (29) of the second plate (25) to the aforesaid connecting rods (27).

The whole substantially as described and dis-
25 closed, and to the purposes referred to above.